Robotic Surgery at Gwinnett Medical Center-Duluth

Minimally Invasive. Extraordinary Results.

At Gwinnett Medical Center–Duluth, surgery is becoming more precise and less invasive than ever before.

For individuals facing gynecologic, urologic or thoracic procedures, robotic surgery is an option available for the following conditions:

- Endometriosis
- Cervical Cancer
- Ovarian Cancer
- Endometrial Cancer
- Prostate Cancer
- Lung Cancer

Robotic surgery is a new alternative to traditional open-surgery procedures. The robotic system gives surgeons the ability to see with the clarity of a high-powered microscope and hands that can move with the precision of a robot.

Specialty-trained surgeons using robotic surgery are producing revolutionary outcomes, and Gwinnett Medical Center–Duluth is the first all-digital hospital in north Atlanta to offer this technology.

For a physician referral, call 678-312-5000 or visit gwinnettmedicalcenter.org/physician and use the keywords “robotic surgery.”

Gwinnett Medical Center-Duluth is committed to transforming healthcare by offering a broad range of alternatives to conventional open-surgery procedures. For more information about robotic surgery, visit gwinnettmedicalcenter.org/robotic.

To find a surgeon who performs procedures using robotic surgery, call 678-312-5000.

Gwinnett Medical Center
Duluth
3620 Howell Ferry Road
Duluth, GA 30096

gwinnettmedicalcenter.org/robotic
What is minimally invasive surgery?

Minimally invasive surgery is a group of surgical procedures performed through small incisions, rather than large incisions, resulting in potentially quicker recovery times, fewer complications, reduced hospitalization costs and less scarring to the patient.

GMC-Duluth is no longer limited to traditional surgery through large abdominal incisions that can be 6 - 12 inches long, which often result in more complications and longer recovery time.

Using the robot, the procedure can be completed with 4 to 6 dime sized incisions with minimal scarring.

What is robotic surgery?

The da Vinci Robotic Surgical System is designed to provide surgeons with enhanced capabilities, including high-definition 3D vision and a magnified view. The surgeon controls the robot as it translates his or her hand movements into smaller, more precise movements of tiny instruments inside the patient’s body.

Though it is often called a robot, it cannot act on its own. Instead, the surgery is performed with unmatched precision entirely by the surgeon. Together, the robotic technology, highly skilled surgeon and surgical team perform complex procedures through just a few tiny openings.

What are the robotic procedures offered at GMC-Duluth?

Gwinnett Medical Center–Duluth performs a variety of robotic procedures including:

- **Gynecological Procedures**
  - Hysterectomy (uterus removal)
  - Myomectomy (fibroid removal)
  - Sacrocolpopexy (pelvic floor prolapse treatment)
- **Urologic Procedures**
  - Prostatectomy (prostate removal)
- **Thoracic Procedures**
  - Lobectomy (removal of cancerous part of lung)
  - Esophageal Surgery
  - Hiatal Hernia Repair

What are the benefits of robotic surgery compared with traditional (open) methods of surgery?

Benefits experienced by patients may include:

- Significantly less pain
- Less blood loss and fewer blood transfusions
- Minimally invasive surgical option for women with large, numerous or difficult to access fibroids
- Fewer complications and risk of infection
- Shorter hospital stay
- Faster recovery and return to normal activities
- Small, dime-sized incisions for minimal scarring

Is robotic surgery covered by insurance?

Robotic surgery is categorized as robot-assisted minimally invasive surgery, so any insurance that covers minimally invasive surgery generally covers this surgery. This is true for widely held insurance plans like Medicare. It is important to note that your coverage will depend on your plan and benefits package.

To learn more about robotic surgery at GMC-Duluth, visit gwinnettmedicalcenter.org/robotic.

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2Advincula AP, Robotic Gynecologic Surgery; Obstetrics and gynecology (2008) 112(6), pp. 1369-1384
4www.brighamandwomens.org/patient/robotics